



SHIP 2 SHORE[®]
CORROSION PREVENTIVE COATINGS

Product Guide

November, 2020

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Burnaby, BC V5J 0G7
Canada
www.ship-2-shore.com

PLID WRAP® ANTI-CORROSION TAPE

RECOMMENDED USES

- Piping and pipelines
- Fittings, flanges and valves
- Pilings and pier structures
- Splash zones
- Structural steel and support bases
- Repair patch wall corners and other problem areas
- Combat corrosion under insulation (CUI)

**EASY-TO-APPLY.
NO PRIMER PASTE
REQUIRED.**

ADVANTAGES

- Outlasts the leading competitor in ASTM B117-18 Salt Spray Testing
- Simple one-step application process
- Non-hazardous, non-toxic and eco-friendly
- Can be applied to wet surfaces
- Wide range of operating temperatures
- Polar bonds to all dissimilar metals
- Dielectric strength, shuts down electrolysis
- Can be used to patch problem areas
- Available in custom colors and widths



After 1000 hrs of ASTM B117-18 Salt Spray Test



SCAN THE QR CODE WITH YOUR
PHONE CAMERA TO LEARN MORE

PLID WRAP® ANTI-CORROSION TAPE

APPLICATIONS

Above Ground:

Use on metal pipes, flanges, valves, fittings, bases of structures, plumbing connections, hydraulic hose fittings, cable splices, battery terminals, threaded connectors, trailer axles and U-bolts. Works on dissimilar metals.

Below Ground and Under water:

Ideal for below ground piping, pipelines, structural metal, support bases and H-piles. Protects submarine pipelines, piping systems, under decking piping, offshore platforms, pilings and pier structures.

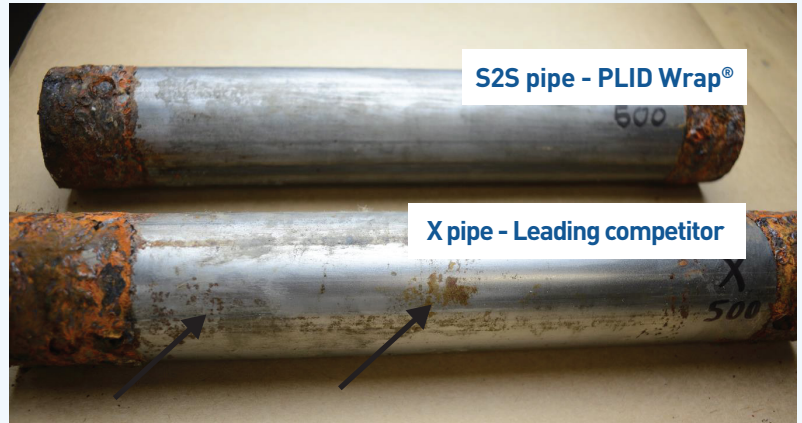
Patch Problem Areas:

Available in custom colors and widths. Use to patch rust in problem areas such as wall corners. Adheres to all metal surfaces. Stops rust in its tracks.

ACCESSORIES

S2S offers several specialized overwraps for use with PLID Wrap anti-corrosion tape in below ground, under water and salt spray applications, when needed.

Please contact us for more information.



Evidence of corrosion on X-pipe after 500 hrs of ASTM B117-18 Salt Spray Test

S2S PLID Wrap® is an industrial tape infused with an S2S high performance, long lasting rust inhibitor. Unlike petrolatum tapes that require surface preparation and primer paste, S2S is a simple, one-step application process.

Simply apply to desired surface, even over existing rust and paint. The infused rust inhibitor creates a long lasting, protective barrier that penetrates into pitting corrosion. Leaves a pliable waxy finish that conforms to irregular shapes and does not sag.



RECOMMENDED USES

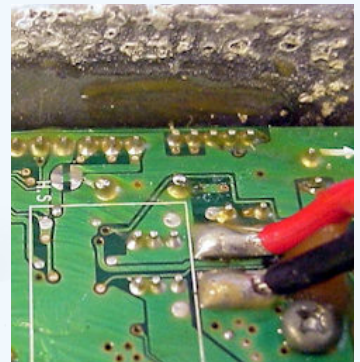
- Tools and machinery
- Bolts, hinges and locks
- Chains
- Circuit boards
- Wire cables
- Battery terminals
- Electric motors

STOPS RUST, LOOSENS SEIZED PARTS AND PROTECTS ELECTRONICS FROM CORROSION

ADVANTAGES

- Penetrates deep beneath the surface
- Creeps into cracks and pitting corrosion
- Leaves a thin, lubricating film
- Dielectric to 40 kV; stops electrolysis
- Low VOCs
- Environmentally friendly

PLID Thin Film Spray combines a rust inhibitor, penetrant, lubricant and dielectric in one multi-use formula. It acts as a liquid de-scaler and polar bonds to metal to form a long lasting, self-healing, protective barrier from rust. One application provides a thin coating of 1-4 mils, resulting in excellent penetrant and anti-seize capabilities. Apply it directly to circuit boards and battery terminals to prevent corrosion. PLID Thin Film Spray is non-toxic, non-hazardous and environmentally friendly.



Loosens rusted wellhead studs.



RECOMMENDED USES

- Machinery
- Heavy duty equipment
- Garage and hanger doors
- Snow blowers
- Food processing equipment
- Boat trailers
- Conveyor belt rollers

A LUBRICATING RUST INHIBITOR THAT RESISTS SPLASH AND SPRAY

ADVANTAGES

- Strong protective barrier
- Long lasting lubricant
- Creeps under rust and fills pitting corrosion
- Dielectric to 8920 volts, prevents electrolysis
- Low VOCs
- Environmentally friendly

Industrial Thick Film Spray is a self-healing lubricant that stops rust by polar bonding to metal and displacing water and oxygen.

For more than 30 years, S2S corrosion preventive coatings have been successfully protecting marine vessels and heavy equipment in the harshest environments. The Industrial Thick Film Spray is proven to prevent rust and corrosion caused by sea spray, fog and extreme weather. It is long lasting and has dielectric properties that enable it to halt electrolysis. S2S is non-toxic, non-hazardous and safe for the environment.



5 in 1 ANTI-CORROSION WIPES

RECOMMENDED USES

- Machinery
- Manufacturing equipment
- Food processing equipment
- Tooling equipment
- Tools
- Marine vessels
- Electronics/control boxes
- Light fixtures
- Metal window frames
- Railings
- Outdoor furniture
- Bikes



**A CONVENIENT NEW
 WAY TO PROTECT
 METAL SURFACES FROM
 RUST WHILE
 LEAVING A CLEAN,
 POLISHED FINISH**

ADVANTAGES

- Effective rust prevention
- Rust inhibitor penetrates beneath the surface of metal
- Leaves a protective micro-barrier that is dry to the touch
- Dielectric to 40 kV; stops electrolysis
- Environmentally friendly



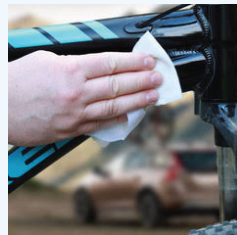
5 in 1 ANTI-CORROSION WIPES

S2S 5 in 1 Anti-Corrosion Wipes combine a cleaner, rust inhibitor, penetrant, lubricant and dielectric in one to provide a convenient new way to care for your tools and metal surfaces.

Each easy-to-use, disposable wipe is infused with an S2S corrosion preventive coating. Proven to combat rust in the most corrosive marine environments, S2S formulas are long lasting lubricants and penetrants that bond to metal, like a magnet to steel, displacing water and oxygen and shutting down rust cells.

S2S 5 in 1 Wipes leave a protective micro-barrier that is dry to the touch and environmentally friendly. Store them in your shop, garage or shed and use them as often as needed to keep your metal surfaces clean and rust free.

**GREAT FOR
EVERYDAY
MAINTENANCE OF
METAL SURFACES**



RECOMMENDED USES

- Fleet vehicles
- Trucks and trailers
- Heavy equipment
- Automobiles
- Rail cars
- Agricultural equipment
- Battery terminals
- Electrical connectors
- Engine bays

LONG LASTING WET FILM TECHNOLOGY THAT POLAR BONDS TO ALL METAL SURFACES AND STOPS RUST IN ITS TRACKS

ADVANTAGES

- Easy-to-apply
- Works on dissimilar metals
- Resists splash and spray
- Penetrates under existing rust and de-scales
- Excellent lubricant and anti-seize
- Electrically non-conductive; stops electrolysis
- Rubber compatible to ASTM D471 standards
- Wide range of operating temperatures
- Ultra low VOCs
- No curing time
- Non-hazardous, non-toxic and eco-friendly



BEFORE



AFTER



UNDERCARRIAGE RUST PROOFING

S2S Undercarriage Rust Proofing is

formulated to protect vehicles of all types from rust and corrosion. It instantly bonds to metal, like a magnet to steel, displacing water and oxygen and shutting down rust cells.

S2S Undercarriage is a superior lubricant and penetrant, offering several advantages. It creeps into hard to reach areas, is an excellent anti-seize and penetrates under existing rust to act as a descaler. S2S Undercarriage is electrically non-conductive, halts electrolysis and prevents corrosion caused by dissimilar metals.

For more than 30 years, S2S corrosion preventive coatings have been successfully protecting marine vessels and heavy equipment in the harshest environments. S2S Undercarriage is the ultimate rust inhibitor for cars, trucks and trailers. It is easy-to-apply with an airless sprayer, brush or roller and there is no curing time. S2S is safe on the environment, non-toxic and non-hazardous.

RELIABLE PROTECTION FOR VEHICLES FROM EXTREME WEATHER, ROAD SALT AND SAND



RECOMMENDED USES

Ideal for long term rust and corrosion prevention on all metal types. Recommended for bridges and steel structures, including:

- Cable-Stayed and Suspension Bridges
- Truss Bridges
- Beam Bridges
- Arch Bridges (wrought iron)
- Cantilever Bridges

A PENETRATING RUST INHIBITOR THAT PROVIDES LONG TERM PROTECTION

ADVANTAGES

- No sandblasting required
- Polar bonds to all metals, even over existing rust and paint
- Can be applied to wet surfaces
- Stops rust on contact
- Creates an even, thin film
- Creeps into pitting corrosion, cracks and crevices
- Prevents corrosion on bolts
- Dielectric properties; stops electrolysis



Treated with S2S



S2S Bridge and Steel Corrosion Control is the ultimate rust inhibitor for bridges and steel structures. It polar bonds to all types of metal, like a magnet to steel, displacing water and oxygen and shutting down rust cells. S2S Bridge and Steel is an excellent penetrant. It creeps into hard to reach areas and creates a protective thin film. When applied over existing rust it penetrates under the rust and acts as a descaler. It requires no sandblasting and works just as well at preventing rust and corrosion when applied over existing paint as when applied to bare metal. S2S Bridge and Steel has dielectric properties. It is electrically non-conductive, halts electrolysis and prevents corrosion caused by dissimilar metals.

For more than 30 years, S2S rust inhibitors have been successfully protecting marine vessels and heavy equipment in the harshest environments. S2S is proven to prevent rust and corrosion caused by salt water, sea spray and extreme weather. It is long lasting and safe for the environment.

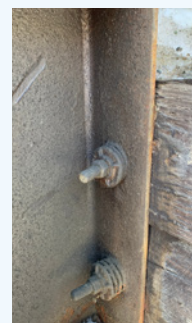
APPLICATION

Application of S2S Bridge and Steel Corrosion Control requires no sandblasting. It is easily applied with an airless sprayer, brush or roller. It is non-toxic, non-hazardous and safe on the environment.

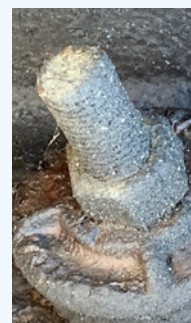
Coverage: 150 square feet per gallon.



Steep Creek Bridge
- Uncoated



Steep Creek Bridge
- 18 yrs after application of S2S



**LONG LASTING WET
FILM TECHNOLOGY
THAT POLAR BONDS
TO ALL METAL
SURFACES AND STOPS
RUST IN ITS TRACKS**



WIRE ROPE CORROSION CONTROL

RECOMMENDED USES

- Cranes
- Winches
- Hoists
- Mooring lines
- Towing wire ropes
- Drilling rigs
- Suspension bridges
- Guy wires
- Wire rope slings
- Post tension cables

**PENETRATES AND
LUBRICATES TO THE
CORE ENSURING
EVERY STRAND IS
COATED**

ADVANTAGES

- Easy-to-apply
- Polar bonds to all metals
- Long lasting adhesion
- Resists splash and spray
- Creeps into strands and to the core
- Excellent lubricant and anti-seize
- Electrically non-conductive; stops electrolysis
- Can withstand extreme temperatures
- Low VOCs
- Non-hazardous and non-toxic



WIRE ROPE CORROSION CONTROL

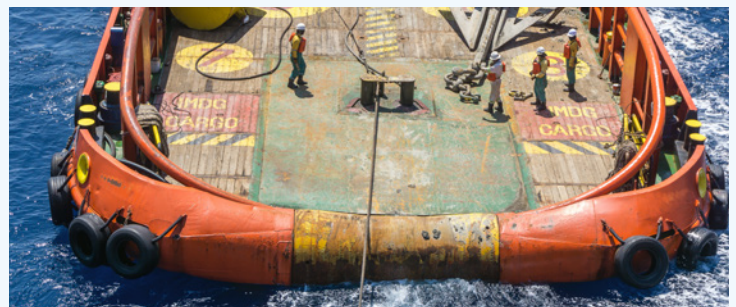
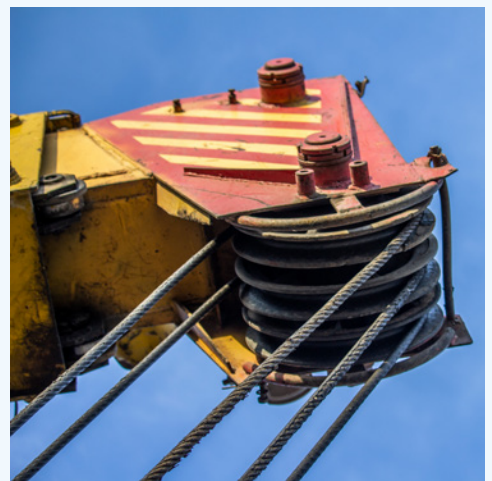
S2S Wire Rope Corrosion Control is

formulated to protect all types of wire rope from rust and corrosion. It bonds to metal, like a magnet to steel, displacing water and oxygen and preventing rust long term.

Unlike grease that only sits on the surface of wire rope, S2S formula is a superior lubricant and penetrant. It creeps below the surface, in and around individual fibres all the way to the core, providing excellent anti-seize capabilities. S2S Wire Rope also has dielectric capabilities up to 40,000 volts and halts electrolysis.

For more than 30 years, S2S corrosion preventive coatings have been successfully protecting marine vessels and heavy equipment in the harshest environments. S2S Wire Rope prevents rust caused by salt spray and extreme weather. It is non-toxic and is easy-to-apply with an airless sprayer, brush or by dunking.

**EXCELLENT PENETRANT
AND ANTI-SEIZE THAT
BRINGS NEW LIFE TO
RUSTED WIRE ROPES**



ANCHOR CHAIN CORROSION CONTROL

RECOMMENDED USES

- Commercial vessels
- Navy ships
- Offshore oil & gas platforms
- Navigational buoys
- Mooring buoys
- Cruise ships
- Landing craft ramps

A LUBRICATING RUST INHIBITOR THAT REQUIRES NO SANDBLASTING

ADVANTAGES

- No sandblasting
- Can be applied to wet surfaces
- Polar bonds to all metals, even over existing rust and paint
- Stops rust on contact
- Creeps into pitting corrosion, cracks and crevices
- Excellent lubricant and anti-seize
- Prevents corrosion between links
- Dielectric properties; stops electrolysis
- Non-hazardous and non-toxic



ANCHOR CHAIN CORROSION CONTROL

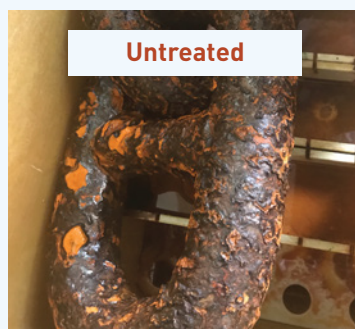
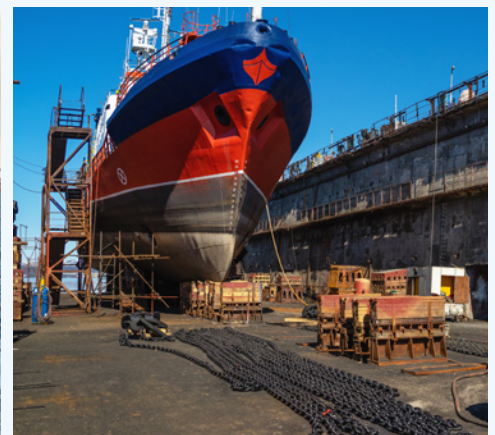
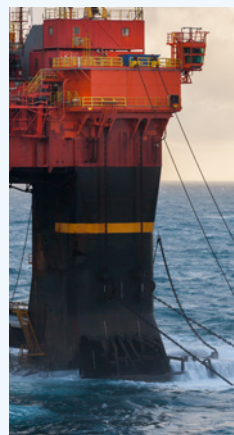
S2S Anchor Chain Corrosion Control works by polar bonding to metal surfaces, like a magnet to steel, displacing water and oxygen. It is a powerful penetrant that creeps into hard to reach areas, providing excellent lubrication and anti-seize capabilities. It requires no sandblasting and is easy-to-apply with an airless sprayer, brush or by dunking.

S2S Anchor Chain is recommended for use on the entire anchoring system, including:

- Chain
- Pipes (spurling, chain, hawse)
- Chain locker
- Anchor windlass
- Windlass brakes
- D-Shackle
- Swivels
- Kenter shackles
- Chain stoppers
- Bolts and pins

POWERFUL PENETRANT

For more than 30 years, S2S has been successfully protecting marine vessels in the harshest environments. S2S Anchor Chain is proven to prevent rust and corrosion caused by salt water, fog and extreme weather. It is non-toxic and has dielectric properties that enable it to halt electrolysis.



Untreated



S2S Treated

After 1000 hrs of ASTM B117 salt spray test.



VOID AND RUDDER FLOAT COAT

ADVANTAGES

- No sandblasting
- Non-hazardous, non-toxic and eco-friendly
- Ultra Low VOCs
- Eliminates the need to work in confined spaces
- Can be applied to wet surfaces
- Is a self-healing lubricant
- Penetrates under existing rust and de-scales
- Electrically non-conductive; stops electrolysis

LONG LASTING WET FILM TECHNOLOGY THAT POLAR BONDS TO ALL METAL SURFACES AND STOPS RUST IN ITS TRACKS

S2S Void and Rudder Float Coat is a rust inhibitor specially formulated for void spaces on marine vessels. S2S is a self-healing lubricant that penetrates into cracks and de-scales existing rust. It has been used in Canada's heavy marine industry for more than thirty years and is proven to be an effective corrosion preventive solution in unventilated void spaces. S2S is long lasting, easy-to-apply and non-toxic.



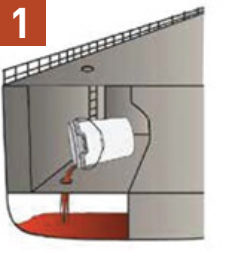
Ballast tank coated in S2S



VOID AND RUDDER FLOAT COAT

APPLICATION GUIDE

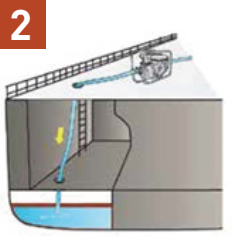
1



Measure & pour S2S float coat

Calculate product requirement: Each gallon will coat 200 sq feet. Add 20% to final calculation. A pail coats 1000 sq feet; a drum coats 10,000 sq feet.

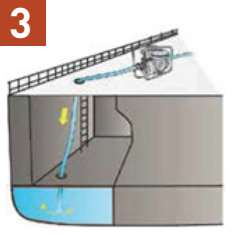
2



Gently & slowly pump in water

Place pump hose at floor of tank and slowly fill with water.
Note: S2S Float Coat is lighter than water and will float on top and polar bond to the metal as it rises.

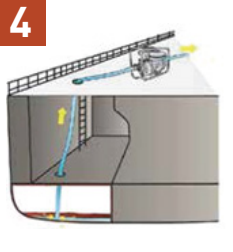
3



Fill void area to the top of space

When the water and Float Coat reach the top, turn off the pump and let the water settle for 24 hours. This will allow the Float Coat to clearly separate from the water.

4



Gently & slowly pump water out

Slowly pump the water out from the bottom. Use a screen to filter out rust flakes. The last portion of the water should be recaptured so the product is not pumped into ocean.



Eliminates the need to work in confined spaces



Rudder coated in S2S



LIQUID CORROSION CONTROL

Metal Preservation, Long-Term Storage and Mothballing

RECOMMENDED USES

- Equipment
- Parts
- Wellheads
- Pipelines, piping
- Electrical, Electronics
- Fittings, flanges,
- Offshore rigs
- Machined surfaces
- Batteries
- Sculptures
- Other metal surfaces

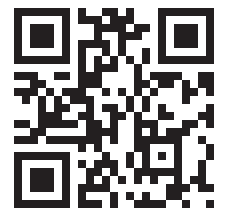
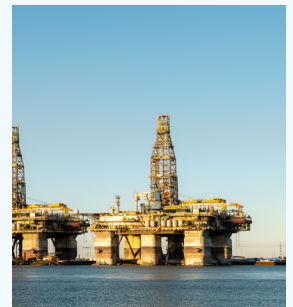
A LINE OF PRODUCTS IDEAL FOR PREVENTING RUST AND CORROSION ON EQUIPMENT OR METAL PARTS DURING MANUFACTURE, SEASONAL STORAGE, SHUT DOWNS, MOTHBALLING, EXPORT AND OTHER PERIODS OF INACTIVITY.

APPLICATION

Application of S2S requires requires no sandblasting. It is easily applied with an airless sprayer, brush or roller. It is non-toxic, non-hazardous and safe on the environment.

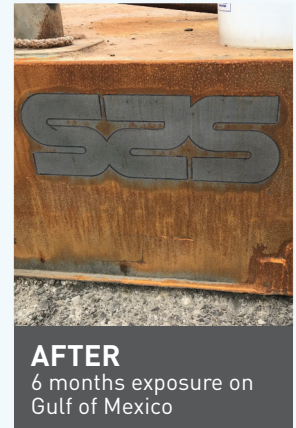
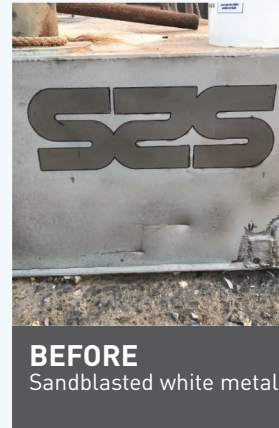
REMOVAL

S2S bonds to metal for long lasting adhesion. It does not typically need to be removed before reactivating equipment but if you want to, then simply wash with a high pH soap and water.



ADVANTAGES

- Easy-to-apply
- Can be applied over existing rust and paint
- Removes easily with high pH soap
- Works on dissimilar metals
- Rubber compatible to ASTM D471 standards
- Wide range of operating temperatures
- Ultra low VOC
- Non-hazardous, non-toxic and eco-friendly

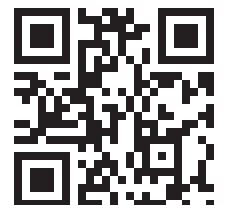


S2S Liquid Corrosion Control comes in three thicknesses: Thin, Thick and HD (Heavy Duty).

These formulas work by polar bonding to metal surfaces, like a magnet to steel, displacing water and oxygen. They create an even, lubricating film that creeps into hard to reach areas, providing excellent anti-seize capabilities.

The three thicknesses allow the flexibility to take an individualized approach to rust and corrosion prevention. After all, not all situations are the same; weather, storage duration and type of application are all things to consider when choosing a rust inhibitor. To help in your selection, please see the following chart:

LIQUID CORROSION CONTROL			
	PLID Thin Film	Industrial Thick Film	HD Thick Film
P enetrant	Best	Better	Good
L ubricant	Good	Better	Best
I nhibits Rust	Good	Better	Best
D ielectric	Best (40,000 volts)	Better (8900 volts)	Good
Thickness of Coat	1-2 mils	8-10 mils	18-20 mils



5 in 1 GUN LUBE / WIPES

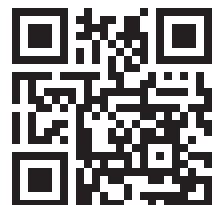
ADVANTAGES

- Resists carbon buildup
- Prevents rust and corrosion
- Effortlessly removes dirt and carbon
- Leaves a polished, dry to the touch finish
- Excellent lubricant and anti-seize
- Penetrates into cracks and crevices

"You can actually feel and hear the difference the moment you apply the product!"

Ryan Register, Law Enforcement Officer/SWAT Team

S2S gun lubricant combines a cleaner, rust inhibitor, penetrant, lubricant and carbon buildup preventative in one to provide a convenient new way to care for your gun. It bonds to metal, like a magnet to steel, displacing water and oxygen and shutting down rust cells. S2S is a superior penetrant and lubricant. It creeps into hard to reach areas, is an excellent anti-seize and easily removes carbon, leaving a protective, polished finish that is dry to the touch. Regular use of S2S gun lubricant increases the safety, reliability and performance of weapons.



5 in 1 GUN LUBE / WIPES

5 in 1 Gun Wipes

Available in an Individual Packet and Box of 10

A convenient solution to gun maintenance. Each disposable wipe is infused with S2S gun lubricant combining a cleaner, rust inhibitor, penetrant, lubricant and carbon buildup preventative in one easy package.

"It deters rust. It deters corrosion. The product speaks for itself."

Randy Walker, Law Enforcement Officer/Recon Marine

5 in 1 Gun Lube

0.53 fl. oz./15 mL bottle

Ideal for hard to reach areas, this easy-to-use bottle has a needle tip, allowing for precision application. S2S gun lubricant offers five solutions in one easy format, saving you time and money. Cleans, prevents rust and carbon buildup, penetrates into hard to reach areas and leaves an ultra thin, dry to the touch, lubricating film.

